

# INTERNATIONAL SEARCH REPORT

International application No.

PCT/FI 2004/050183

## A. CLASSIFICATION OF SUBJECT MATTER

**IPC7: G06F 17/27, H04M 1/00, G10L 15/00**

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

**IPC7: G06F, H04M**

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

**SE,DK,FI,NO classes as above**

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

**EPO-INTERNAL, WPI DATA, PAJ**

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 20020177993 A1 (DANIEL PAUL VEDITZ ET AL), 28 November 2002 (28.11.2002) --	1-18
A	US 20030023440 A1 (WESLEY A. CHU), 30 January 2003 (30.01.2003) --	1-18
A	EP 1209660 A2 (INTERNATIONAL BUSINESS MACHINES CORPORATION), 29 May 2002 (29.05.2002) --	1-18
A	EP 1061459 A2 (LUCENT TECHNOLOGIES INC.), 20 December 2000 (20.12.2000) --	1-18

☒ Further documents are listed in the continuation of Box C.

☒ See patent family annex.

\* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier application or patent but published on or after the international filing date

"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance: the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance: the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&" document member of the same patent family

Date of the actual completion of the international search

14 April 2005

Date of mailing of the international search report

21 -04- 2005

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## C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
P,A	<p>US 20040193426 A1 (MADDUX ET AL), 30 Sept 2004 (30.09.2004), abstract, [0014]-[0029], [0263]-[0269]</p> <p style="text-align: center;">-- -----</p>	1-18

# INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No.

PCT/FI 2004/050183

US	20020177993	A1	28/11/2002	US	6507813 B	14/01/2003
				US	6496793 B	17/12/2002
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				JP	2001034451 A	09/02/2001
				US	6418440 B	09/07/2002
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US	20040193426	A1	30/09/2004	US	20050004795 A	06/01/2005
				WO	2005004334 A	13/01/2005
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